



Dart Hawkesbury
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

647.5701

Job Sheet 168298



Part No: 647.5701

Job Qty: 1 ea

Part Name: Cable Cutter GPS Mount



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 11/13/17

Job Tracking No:

Due Date: 11/16/17

Created By: Linda Lacelle

Type: Stock

Description:

Note: DWG REV N/C IPP REV:A NEW ISSUE 13-07-15 JLM VERIFIED BY:DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea		11/16/17	0.00	0.00	Start Up Stores/Pkg-1		SRL
105	Packaging	1 pcs		11/16/17	0.00	0.00	Packaging1		SRL
110	QC	1 pcs		11/16/17	0.00	0.00	QC4		M. D.
115	DC	1 pcs		11/16/17	0.00	0.00	DC		
120	Packaging	1 pcs		11/16/17	0.00	0.00	Packaging3		
130	QC21-FG	1 Ea		11/16/17	0.00	0.00	QC21		

Part Op 115 - Photocopy bluefile & type labels per PPP IIGPS-1 (647.5701)
Descriptions: 120 - Identify and pack for shipping as per PPP IIGPS-1 (647.5701) Location : FG102

NOV 28 2017
Fg102

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	647.5710 5014651	1	3	0	0
	647.5711 5014614	1	8	0	0
	MS2104208 5014638	2	0	0	0
	MS27039-08-14 5014637	2	30	0	0
	NAS1149FN832P 5014636	4	3,962	0	0

Part Specifications

Specifications could not be found.

Plex 11/14/17 7:47 AM dart.boucher.sylvie

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

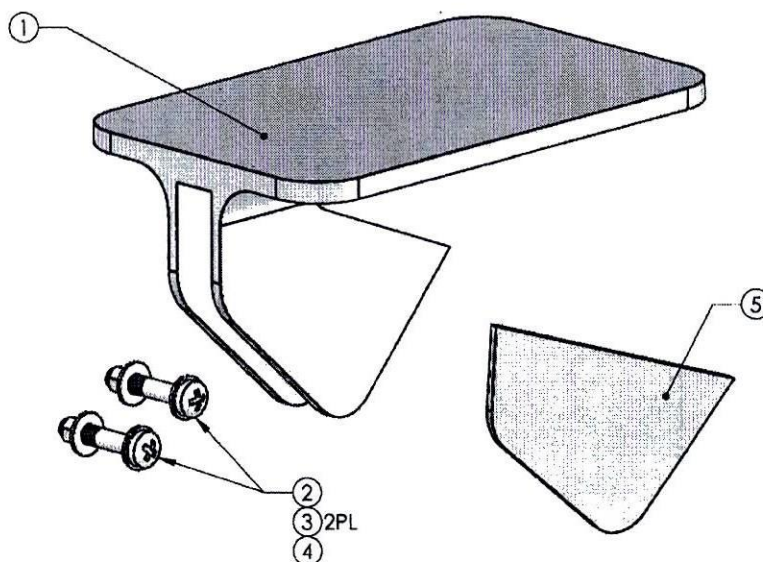
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 S014657 Cable Cutter GPS Mount		Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K64 1K7 CANADA TEL.: 1 613 632-5200 Email: sales@dartaero.com www.dartaerospace.com		Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																																																																
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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
1	LAST PROTOTYPE REVISION 192		N/C
N/C	INITIAL RELEASE	11-05-09	P. BRAYO

NOTES:

- 1 MATERIAL: 6061-T6 ALUMINUM PER AMS-QQ-A-200/8
- 2 FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III CLASS 2, COLOR BLACK; CARDINAL 4860-50 PRETREATMENT PRIMER; PRIME IAW MIL-P-23377J TYPE I CLASS N; 1-2 MIL MAX
- 3 MATERIAL: LAMINATED ALUMINUM 1100 ALLOY SHIM STOCK
LAYER THICKNESS: .003"
FINISH: NONE
VENDOR: MCMASTER-CARR P/N 9574K68
4. DEBURR AND BREAK ALL SHARP EDGES
5. IDENTIFY IAW MPP-120



647.5701 GPS MOUNT KIT

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 168298

DAS
30
9-89

NOV 16 2017

	1	5	647.5711	SHIM		
	2	4	601.2973	LOCKNUT	MS1042 Q8	
	4	3	601.2764	WASHER	HA3144FH32P	
	2	2	601.3081	SCREW	MS27039 Q814	
	1	1	647.5710	GPS MOUNT		
			647.5701	GPS MOUNT KIT		
	5701	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.
QTY				PARTS LIST		
NEXT ASSY (S)				APICAL INDUSTRIES		
				2808 TEMPLE HEIGHTS DR.		
				OCEANSIDE, CA. 92056-3512 (760)724-5300		
				GPS MOUNT KIT		
				UNLESS OTHERWISE SPECIFIED		
				DIMENSIONS ARE IN INCHES		
				TOLERANCES ARE		
				2 PLACE DECIMALS .251		
				3 PLACE DECIMALS .005		
				ANGLES .5°		
				SEE CAGE CODE	DWG. NO.	REV.
				B 07M26	647.5700	N/C
				SCALE NONE	SHEET 1 OF 3	

DQA: _____ Date: _____



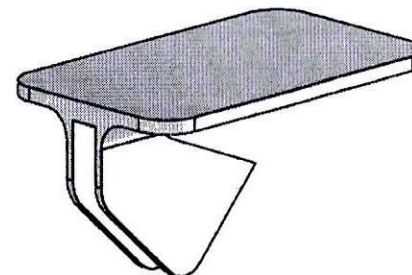
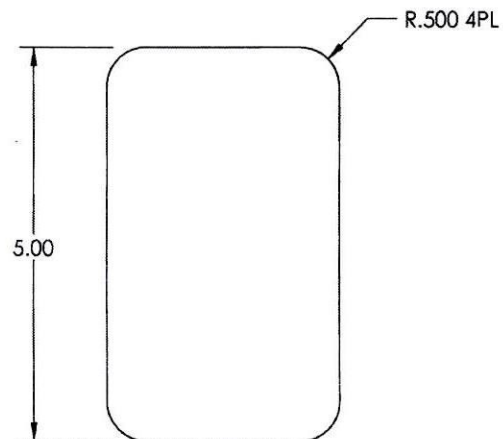
WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

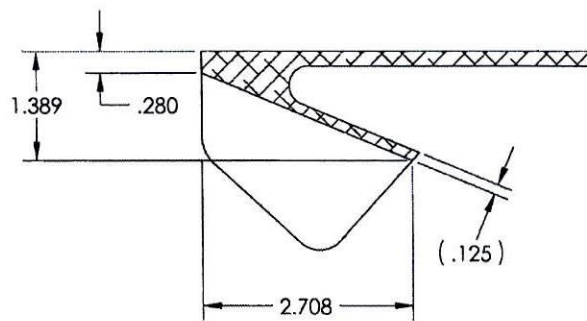
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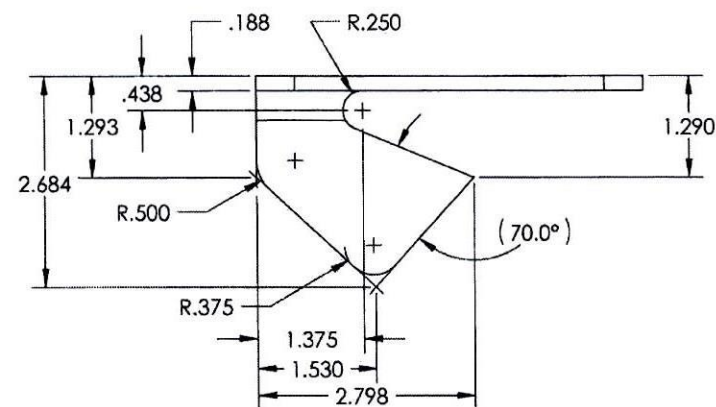
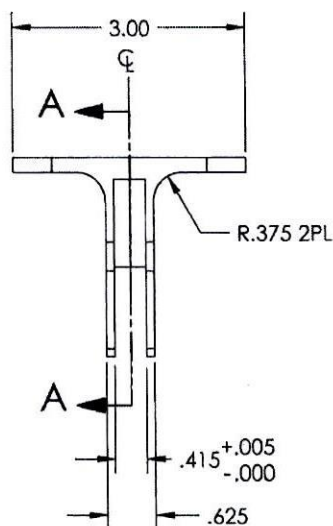
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647.5710



SECTION A-A



ORIGINAL DATE 06/01/00 DRAWN BY J. HART CHECKED J. BARNER DRAWING APPROVAL P. BAYO CONTRACT NO.		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DECIMALS ARE 2 PLACES DECIMALS ±.01 3 PLACES DECIMALS ±.005 FRACTIONS ARE 1/16		CASE CODE B 07M26	DWG NO. 647.5700
SCALE: NONE		REV N/C	
SHEET 2 OF 3			

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

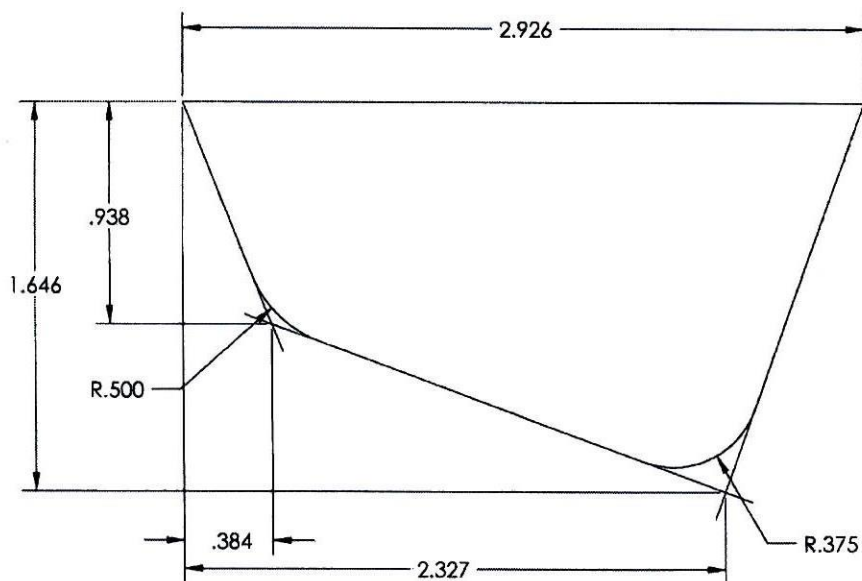
QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor Approval Verification		
			QC / QA Coordinator Approval		
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



.063

647.5711

ORIGINAL DATE 11-10-00		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300 GPS MOUNT KIT			
DRAWN BY S. PULI					
CHECKED BY D. BARNETT					
DRAWING APPROVAL P. BRAVO					
CONTRACT NO.		SCALE: NONE			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.001 ANGLES ± .5°		PRT B	CAGE CODE 07MA26	DWG NO 647.5700	REV N/C
SHEET 3 OF 3					

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : ☐					

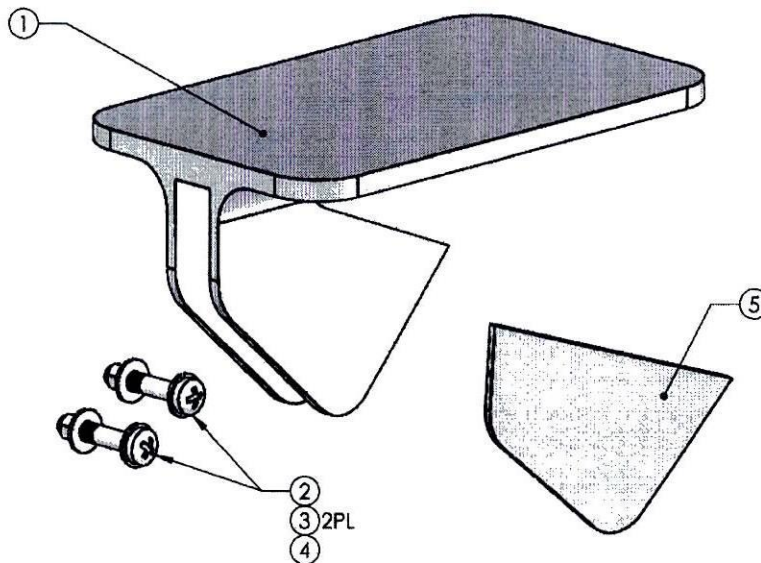
REF. ONLY

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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
N/C	LAST PROTOTYPE REVISION - #12		N/C
	INITIAL RELEASE	11-10-09	P. BRAVO

NOTES:

- 1 MATERIAL: 6061-T6 ALUMINUM PER AMS-QQ-A-200/8
- 2 FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III CLASS 2, COLOR BLACK; CARDINAL 4860-50 PRETREATMENT PRIMER; PRIME IAW MIL-P-23377J TYPE I CLASS N; 1-2 MIL MAX
- 3 MATERIAL: LAMINATED ALUMINUM 1100 ALLOY SHIM STOCK
LAYER THICKNESS: .003"
FINISH: NONE
VENDOR: McMASTER-CARR P/N 9574K68
4. DEBURR AND BREAK ALL SHARP EDGES
5. IDENTIFY IAW MPP-120



647.5701 GPS MOUNT KIT

	1	5	647.5711	SHIM		
	2	4	601.2973	LOCKNUT	MS21042-08	
	4	3	601.2764	WASHER	NAS1149HH820P	
	2	2	601.3081	SCREW	MS27039-0814	
	1	1	647.5710	GPS MOUNT		
			647.5701	GPS MOUNT KIT		